

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L34	6	(US-20060084001-\$ or US-20020085851-\$).did. or (US-6447973-\$ or US-4968575-\$ or US-6388024-\$ or US-5409764-\$).did.	US-PGPUB; USPAT	ADJ	ON	2008/07/11 08:36
L35	40635	((polycarboxylic acid) or (tricarboxylic acid) or (polyol) or (trimellitic acid) or (pyromellitic acid) or (cyclohexanetricarboxylic acid) or (naphthalenetricarboxylic acid) or (butanetricarboxylic acid) or (hexanetricarboxylic acid) or (octanetetracarboxylic acid) or (benzophenonetetracarboxylic acid) or (glycerol) or (diglycerol) or (sorbitol) or (sorbitan) or (butanetriol) or (trimethylolethane) or (trimethylolpropane) or (pentaerythritol)) same ((cross\$4 link\$4) or crosslink\$4)	US-PGPUB; USPAT	ADJ	ON	2008/07/11 08:36
L36	4	I34 and L35	US-PGPUB; USPAT	ADJ	ON	2008/07/11 08:36
L37	41518	polyisocyanate	US-PGPUB; USPAT	ADJ	ON	2008/07/11 09:26
L38	5279	I37 same I35	US-PGPUB; USPAT	ADJ	ON	2008/07/11 09:26
L39	0	I38 and I34	US-PGPUB; USPAT	ADJ	ON	2008/07/11 09:26
L40	3099	(528/283,296,302,307,308.6,366).OCLS.	US-PGPUB; USPAT	OR	OFF	2008/07/11 09:27
L41	1155	(430/109.2,109.4).OCLS.	US-PGPUB; USPAT	OR	OFF	2008/07/11 09:27
L42	48	I38 and (L41 or L40)	US-PGPUB; USPAT	ADJ	ON	2008/07/11 09:27
L44	37	((yasushi near2 nakanishi) or (hirofumi near2 iemura) or (akira near2 yamane) or (yoshinori near2 onose)).in.	US-PGPUB; USPAT	ADJ	ON	2008/07/11 09:28
L45	0	I38 and L44	US-PGPUB; USPAT	ADJ	ON	2008/07/11 09:28
L46	31195	((polycarboxylic acid) or (tricarboxylic acid) or (trimellitic acid) or (pyromellitic acid) or (cyclohexanetricarboxylic acid) or (naphthalenetricarboxylic acid) or (butanetricarboxylic acid) or (hexanetricarboxylic acid) or (octanetetracarboxylic acid) or (benzophenonetetracarboxylic acid) or (glycerol) or (diglycerol) or (sorbitol) or (sorbitan) or (butanetriol) or (trimethylolethane) or (trimethylolpropane) or (pentaerythritol)) same ((cross\$4 link\$4) or crosslink\$4)	US-PGPUB; USPAT	ADJ	ON	2008/07/11 09:29

L47	32	l42 and l46	US-PGPUB; USPAT	ADJ	ON	2008/07/11 09:30
L48	2124	adhesive and polyester and oligomer and toner	US-PGPUB; USPAT	ADJ	ON	2008/07/11 10:16
L49	109	(adhesive same polyester same oligomer) and toner	US-PGPUB; USPAT	ADJ	ON	2008/07/11 10:16
L50	92	(adhesive same polyester same oligomer same resin) and toner	US-PGPUB; USPAT	ADJ	ON	2008/07/11 10:17
L51	137749	charge with control\$4	US-PGPUB; USPAT	ADJ	ON	2008/07/11 10:17
L52	1	l50 and l51	US-PGPUB; USPAT	ADJ	ON	2008/07/11 10:17
L53	3	(US-5409764-\$ or US-5563236-\$ or US-4868078-\$).did.	USPAT	ADJ	ON	2008/07/11 10:52
L54	13	("20040259013"   "5066559"   "5258255"   "5314777"   "5541031"   "5827633"   "5962176"   "5976749"   "5990332"   "6285848"   "6770411"   "6787280"   "6846604").PN.	US-PGPUB; USPAT	ADJ	ON	2008/07/11 10:52
L55	3	l53 not L54	US-PGPUB; USPAT	ADJ	ON	2008/07/11 10:52
S1	1	"20060084001"	US-PGPUB; USPAT	ADJ	ON	2007/12/03 09:37
S2	3671	((430/109.4,124.1) or (528/272)).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/29 10:57
S3	32	((yasushi near2 nakanishi) or (hirofumi near2 iemura) or (akira near2 yamane) or (yoshinori near2 onose)).in.	US-PGPUB; USPAT	ADJ	ON	2007/12/03 08:17
S4	13	("20040259013"   "5066559"   "5258255"   "5314777"   "5541031"   "5827633"   "5962176"   "5976749"   "5990332"   "6285848"   "6770411"   "6787280"   "6846604").PN.	US-PGPUB; USPAT	ADJ	ON	2007/11/29 16:08
S5	15	rosin and ((terephthalic or isophthalic) near2 acid) and (glycidyl with (fatty acid)) and (aliphatic near3 diol)	US-PGPUB; USPAT	ADJ	ON	2007/11/29 16:14
S6	6	S5 and toner	US-PGPUB; USPAT	ADJ	ON	2007/11/30 15:17
S7	737	disproportionated rosin	US-PGPUB; USPAT	ADJ	ON	2007/11/29 17:13
S8	1	S6 and S7	US-PGPUB; USPAT	ADJ	ON	2007/11/29 17:07
S9	1047	disproportionated same rosin	US-PGPUB; USPAT	ADJ	ON	2007/11/29 17:08

S10	1	S9 and S6	US-PGPUB; USPAT	ADJ	ON	2007/11/29 17:08
S11	33	S7 and toner	US-PGPUB; USPAT	ADJ	ON	2007/11/29 17:52
S12	539	S7 same acid	US-PGPUB; USPAT	ADJ	ON	2007/11/29 17:52
S13	22	S12 and toner	US-PGPUB; USPAT	ADJ	ON	2007/11/30 11:17
S14	737	disproportionated rosin	US-PGPUB; USPAT	ADJ	ON	2007/11/30 11:17
S15	539	S14 same acid	US-PGPUB; USPAT	ADJ	ON	2007/11/30 11:17
S16	22	S15 and toner	US-PGPUB; USPAT	ADJ	ON	2007/11/30 11:17
S17	20	S16 and alcohol	US-PGPUB; USPAT	ADJ	ON	2007/11/30 11:17
S18	1759	(polyester resin) with rosin	US-PGPUB; USPAT	ADJ	ON	2007/11/30 15:18
S19	979	S18 and toner	US-PGPUB; USPAT	ADJ	ON	2007/11/30 15:18
S20	159	S18 with (acid and alcohol)	US-PGPUB; USPAT	ADJ	ON	2007/11/30 15:18
S21	29	S20 and toner	US-PGPUB; USPAT	ADJ	ON	2007/11/30 15:18
S22	1	("4968575").PN.	US-PGPUB; USPAT	OR	OFF	2007/12/03 08:39
S23	597	(glycidyl ester) with (fatty acid)	US-PGPUB; USPAT	ADJ	ON	2007/12/03 08:41
S24	11	S23 and toner	US-PGPUB; USPAT	ADJ	ON	2007/12/03 08:42
S25	16	rosin glycidyl	US-PGPUB; USPAT	ADJ	ON	2007/12/03 09:38
S26	8	S25 and toner	US-PGPUB; USPAT	ADJ	ON	2007/12/03 09:38
S27	8	S26 and alcohol	US-PGPUB; USPAT	ADJ	ON	2007/12/03 09:46
S28	5	(toner with polyester with rosin) same density	US-PGPUB; USPAT	ADJ	ON	2007/12/03 09:49

S29	50	(polyester with rosin) same density	US-PGPUB; USPAT	ADJ	ON	2007/12/03 10:08
S30	17	S29 and toner	US-PGPUB; USPAT	ADJ	ON	2007/12/03 09:49
S31	10793	(density same print\$4) and (polyester with resin)	US-PGPUB; USPAT	ADJ	ON	2007/12/03 10:09
S32	3947	(polyester with resin) same rosin	US-PGPUB; USPAT	ADJ	ON	2007/12/03 10:09
S33	1001	S31 and S32	US-PGPUB; USPAT	ADJ	ON	2007/12/03 10:09
S34	2024	S32 and toner	US-PGPUB; USPAT	ADJ	ON	2007/12/03 10:09
S35	665	S33 and toner	US-PGPUB; USPAT	ADJ	ON	2007/12/03 10:16
S36	34418	density with resin	US-PGPUB; USPAT	ADJ	ON	2007/12/03 10:16
S37	144	S35 and S36	US-PGPUB; USPAT	ADJ	ON	2007/12/03 11:16
S38	4860	(high with density) and (density with resin) and (polyester resin)	US-PGPUB; USPAT	ADJ	ON	2007/12/03 11:17
S39	975	(high with density) and (density with polyester resin)	US-PGPUB; USPAT	ADJ	ON	2007/12/03 11:17
S40	752	high with density with polyester resin	US-PGPUB; USPAT	ADJ	ON	2007/12/03 11:17
S41	320	S40 and print\$4	US-PGPUB; USPAT	ADJ	ON	2007/12/03 11:34
S42	78707	density with g/\$	US-PGPUB; USPAT	ADJ	ON	2007/12/03 11:36
S44	70	S41 and S42	US-PGPUB; USPAT	ADJ	ON	2007/12/03 11:35
S45	5322	density with g/\$ with resin	US-PGPUB; USPAT	ADJ	ON	2007/12/03 11:36
S46	47	S41 and S45	US-PGPUB; USPAT	ADJ	ON	2007/12/03 11:39
S47	13	S40 and S45 and toner	US-PGPUB; USPAT	ADJ	ON	2007/12/03 11:54
S48	1157	(pressure near3 roll\$2) with fixing with belt with heat\$3	US-PGPUB; USPAT	ADJ	ON	2007/12/03 11:55

S49	571	S48 and (fixing belt)	US-PGPUB; USPAT	ADJ	ON	2007/12/03 11:55
S50	544	S49 and (heat\$3 near2 roll\$2)	US-PGPUB; USPAT	ADJ	ON	2007/12/03 14:26
S51	3	("4814249"   "4968575"   "5345301").PN.	US-PGPUB; USPAT	ADJ	ON	2007/12/03 14:27
S52	1	S51 and density	US-PGPUB; USPAT	ADJ	ON	2007/12/03 14:27
S53	4	(US-20060084001-\$ or US-20020085851-\$).did. or (US-6447973-\$ or US-4968575-\$).did.	US-PGPUB; USPAT	ADJ	ON	2008/04/03 10:08
S54	4887	(glycidyl ester) with acid	US-PGPUB; USPAT	ADJ	ON	2008/04/03 10:09
S55	2	S53 and S54	US-PGPUB; USPAT	ADJ	ON	2008/04/03 10:09
S56	355607	polyester	US-PGPUB; USPAT	ADJ	ON	2008/07/09 10:10
S57	1250	disproportionat\$4 with rosin	US-PGPUB; USPAT	ADJ	ON	2008/07/09 10:10
S58	164472	((terephthalic or isophthalic) with acid) or terephthalate or isophthalate	US-PGPUB; USPAT	ADJ	ON	2008/07/09 10:11
S59	164238	(aliphatic diol) or (propanediol) or (butanediol) or (pentanediol) or (neopentyl glycol) or (hexanediol) or (heptanediol) or (octanediol) or (nonanediol) or (decanediol) or (diethylene glycol) or (triethylene glycol) or (dipropylene glycol)	US-PGPUB; USPAT	ADJ	ON	2008/07/09 10:16
S60	40598	((polycarboxylic acid) or (tricarboxylic acid) or (polyol) or (trimellitic acid) or (pyromellitic acid) or (cyclohexanetricarboxylic acid) or (naphthalenetricarboxylic acid) or (butanetricarboxylic acid) or (hexanetricarboxylic acid) or (octanetetracarboxylic acid) or (benzophenonetetracarboxylic acid) or (glycerol) or (diglycerol) or (sorbitol) or (sorbitan) or (butanetriol) or (trimethylolethane) or (trimethylolpropane) or (pentaerythritol)) same ((cross\$4 link\$4) or crosslink\$4)	US-PGPUB; USPAT	ADJ	ON	2008/07/09 10:20
S61	616	(glycidyl ester) with (fatty acid)	US-PGPUB; USPAT	ADJ	ON	2008/07/09 10:21
S62	1	S56 and S57 and S58 and S59 and S60 and S61	US-PGPUB; USPAT	ADJ	ON	2008/07/09 10:21
S63	5349	polyester same acid same alcohol same ((cross \$4 link\$4) or crosslink\$4)	US-PGPUB; USPAT	ADJ	ON	2008/07/09 10:22

S64	292	S57 and S58	US-PGPUB; USPAT	ADJ	ON	2008/07/09 10:26
S65	493	S61 and S59	US-PGPUB; USPAT	ADJ	ON	2008/07/09 10:26
S66	25	S63 and S64	US-PGPUB; USPAT	ADJ	ON	2008/07/09 10:27
S67	24	S63 and S65	US-PGPUB; USPAT	ADJ	ON	2008/07/09 10:27
S68	1	S66 and S67	US-PGPUB; USPAT	ADJ	ON	2008/07/09 10:27
S69	24	S66 and (S61 or S59)	US-PGPUB; USPAT	ADJ	ON	2008/07/09 10:28
S70	22	S67 and (S57 or S58)	US-PGPUB; USPAT	ADJ	ON	2008/07/09 10:28
S71	45	S69 or S70	US-PGPUB; USPAT	ADJ	ON	2008/07/09 10:28
S72	16	S71 and S60	US-PGPUB; USPAT	ADJ	ON	2008/07/09 10:29
S73	1	("0481939").PN.	US-PGPUB; USPAT	OR	OFF	2008/07/09 17:46
S74	3099	(528/283,296,302,307,308.6,366).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/07/10 09:02
S75	4	(disproportionat\$4 with rosin) or (dehydroabietic with acid)	US-PGPUB; USPAT	ADJ	ON	2008/07/10 09:06
S76	0	(disproportionat\$4 with rosin)	US-PGPUB; USPAT	ADJ	ON	2008/07/10 09:06
S77	1255	(disproportionat\$4 with rosin) or (dehydroabietic with acid)	US-PGPUB; USPAT	ADJ	ON	2008/07/10 09:07
S78	1	S74 and S77	US-PGPUB; USPAT	ADJ	ON	2008/07/10 09:07
S79	164376	(aliphatic diol) or (propanediol) or (butanediol) or (pentanediol) or (neopentyl glycol) or (hexanediol) or (heptanediol) or (octanediol) or (nonanediol) or (decanediol) or (diethylene glycol) or (triethylene glycol) or (dipropylene glycol)	US-PGPUB; USPAT	ADJ	ON	2008/07/10 09:09
S80	1684	S74 and S79	US-PGPUB; USPAT	ADJ	ON	2008/07/10 09:09
S81	320031	((cross\$4 link\$4) or crosslink\$4)	US-PGPUB; USPAT	ADJ	ON	2008/07/10 09:10

S82	750	S80 and S81	US-PGPUB; USPAT	ADJ	ON	2008/07/10 09:10
S83	1	(US-6388024-\$).did.	USPAT	ADJ	ON	2008/07/10 10:17
S84	40635	((polycarboxylic acid) or (tricarboxylic acid) or (polyol) or (trimellitic acid) or (pyromellitic acid) or (cyclohexanetricarboxylic acid) or (naphthalenetetracarboxylic acid) or (butanetricarboxylic acid) or (hexanetricarboxylic acid) or (octanetetracarboxylic acid) or (benzophenonetetracarboxylic acid) or (glycerol) or (diglycerol) or (sorbitol) or (sorbitan) or (butanetriol) or (trimethylolethane) or (trimethylolpropane) or (pentaerythritol)) same ((cross\$4 link\$4) or crosslink\$4)	US-PGPUB; USPAT	ADJ	ON	2008/07/10 10:17
S85	1	S84 and S83	US-PGPUB; USPAT	ADJ	ON	2008/07/10 10:17
S86	164610	((terephthalic or isophthalic) with acid) or terephthalate or isophthalate	US-PGPUB; USPAT	ADJ	ON	2008/07/10 12:37
S87	220	S74 and S84 and S86	US-PGPUB; USPAT	ADJ	ON	2008/07/10 12:37
S88	1155	(430/109.2,109.4).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/07/10 17:22
S89	30130	rosin	US-PGPUB; USPAT	ADJ	ON	2008/07/10 17:23
S90	4823	S89 and S86 and S79	US-PGPUB; USPAT	ADJ	ON	2008/07/10 17:23
S91	254	S88 and S90	US-PGPUB; USPAT	ADJ	ON	2008/07/10 17:23
S92	211	S91 and S81	US-PGPUB; USPAT	ADJ	ON	2008/07/10 17:25
S93	358378	oxirane or epox\$3 or (glycid\$3 with ester)	US-PGPUB; USPAT	ADJ	ON	2008/07/10 17:51
S94	197	S92 and S93	US-PGPUB; USPAT	ADJ	ON	2008/07/10 17:51
S95	10	S74 and S89 and S86 and S93 and S79 and S81	US-PGPUB; USPAT	ADJ	ON	2008/07/10 18:07
S96	1	"20060084001"	US-PGPUB; USPAT	ADJ	ON	2008/07/10 18:11
S97	1	S96 and S89 and S86 and S93 and S79 and S81	US-PGPUB; USPAT	ADJ	ON	2008/07/10 18:11

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